4-22-05

PTO/SB/21 (03-03) Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE e Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/656.732 TRANSMITTAL Filing Date September 4, 2003 **FORM** First Named Inventor Manning Art Unit 2811 (to be used for all correspondence after initial filing) **Examiner Name** J. Fenty Attorney Docket Number MI22-2608 Total Number of Pages in This Submission

	2	ENCLOSURES (Check all that apply)	_
٧	Fee Transmittal Form	Drawing(s)  After Allowance Communication to a Technology Center (TC)	_
	Fee Attached  Amendment/Reply  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority  Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts  under 37 CFR 1.52 or 1.53	Licensing-related Papers  Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s)  Remarks  Additional Enclosure: A \$180.00 Check  Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Form PTO-1449; Return Receipt Postcard; Cited References(11)	
	SIGNA	TURE OF APPLICANT, ATTORNEY, OR AGENT	_
Firm or Individ	David G. Latwesen Ph.D. Wells St. John, P.S.	Reg. No. 38,533	
Signa	iture D		
Date	4/21/05		
_		ERTIFICATE OF TRANSMISSION/MAIL INC	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Date

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as

mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

Jim Tidrick

Typed or printed

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

\$180.00

Telephone 509-624-4276

Date

Effective on 12/08/2004. Complete if Known uant to the Consolidated Appropriations Act, 2005 (H.R. 4818). 10/656,732 **Application Number** FEE TRANSMITTA Filing Date 9/4/2003 For FY 2005 First Named Inventor Manning **Examiner Name** J. Fenty Applicant claims small entity status. See 37 CFR 1.27 Art Unit 2811 TOTAL AMOUNT OF PAYMENT Attorney Docket No. MI22-2608 METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John, P.S. For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES SEARCH FEES EXAMINATION FEES Small Entity Small Entity** Small Entity **Application Type** Fee (\$) Fee (\$) Fee (\$) Fees Paid (\$) Fee (\$) Fee (\$) Fee (\$) Utility 300 150 500 200 250 100 Design 200 100 100 50 130 65 Plant 200 100 300 160 150 80 Reissue 300 500 600 150 300 Provisional 200 2. EXCESS CLAIM FEES Fee Description Fee (\$) Each claim over 20 (including Reissues) 50 Each independent claim over 3 (including Reissues) 200

Small Entity Fee (\$) 25 100 Multiple dependent claims 360 180 **Total Claims Extra Claims** Fee (\$) Fee Paid (\$) Multiple Dependent Claims - 20 or HP = Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) - 3 or HP = HP = highest number of independent claims paid for, if greater than 3. If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Number of each additional 50 or fraction thereof Total Sheets **Extra Sheets** Fee (\$) Fee Paid (\$) (round up to a whole number) x 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount)

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public/which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No. 38,533

Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement

David G. Latwesen, Ph.D.

SUBMITTED BY

Name (Print/Type)

Signature



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No	
Confirmation No	4772
Filing Date	September 4, 2003
Inventor	H. Montgomery Manning
Assignee	Micron Technology, Inc.
Group Art Unit	2811
Examiner	J. Fenty
Attorney's Docket No	
Customer No	021567
Title: Support For Vertically Oriented Capacitors Durin	ng the Formation of a Semiconductor
Device	

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

EV549572118

Dated.

By:

David G. Latwesen, Ph.D.

Respectfully submitted,

Reg. No. 38,533

### U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. MI22-2608

SERIAL NO. 10/656,732

1PE 705 35

LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)

FILING DATE

September 4, 2003

APPLICANT: H. Montgomery Manning

GROUP 2811

U.S. PATE		UMENTS		10 11 12 12 12 12 12 12 12 12 12 12 12 12				
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	AA	6,204,143	3/2001	Roberts et al.				
_	AB	6,180,450	1/2001	Dennison				
	AC	5,340,763	8/1994	Dennison				
	AD	6,403,442	6/2002	Reinberg	v 54	95	72	118
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	Al	5,498,562	12/1996	Dennison et al.				
	AJ	5,401,681	3/1995	Dennison et al.				
	AK	5,605,857	2/1997	Jost et al.				

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	АМ							

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	AO		Banhart, Aluminum Foams: On the Road to Real Applications, MRS BULLETIN, pp. 290-295 (April 2003).
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	AP		Green et al., Cellular Ceramics: Intriguing Structures, Novel Properties, and Innovative Applications, MRS
			BULLETIN, pp. 296-300 (April 2003).
EXAMINER			DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FILING DATE September 4, 2003

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-	AA .	5,705,838	1/1998	Jost et al.				
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	Al	2002-086479	7/2002	Reinberg				
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	Number					Yes	No

	AN	Green et al., The Structure and Applications of Cellular Ceramics, WEB EXTRA, 10 pages (April 2003).
	AO	Karp et al., Scaffolds for Tissue Engineering, MRS Bulletin, pp. 301-306 (April 2003).
	АР	Kraynik, Foam Structure: From Soap Froth to Solid Foams, MRS BULLETIN, pp. 275-276 (April 2003).
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FILING DATE September 4, 2003

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		Document Number	Date	Country	Class	Subclass	Trans	lation			
	AJ						Yes	No			
	AK										
	AL				-			_			
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ATTY. DOCKET NO. MI22-2608

SERIAL NO. 10/656,732

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APPLICANT: H. Montgomery Manning

**FILING DATE** September 4, 2003

**GROUP** 2811

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*Examiner's Initials		Document Number	Date	Name		Class	Subclass	Filing If Appro	
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	AD				EVE	0	77	796	<u> </u>
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		276 Scien	ce, pp. 1401-1	1404 (May 30, 1997).					
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		2004 Symposiu	ım on VLSI Te	chnology Digest of Techr	nical Papers; 7/2	004; pp. 3	4-35.		
	AK	PCT/US2004/0	27898; Filed:	8/26/2004; PCT Search F	Report mailed 2/2	8/2005; 4	pp.		
EXAMINER		DATE CONSIDE							<u>.</u>